Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1-9. (cancelled)

10. (currently amended) A transceiver for use in a wireless network device that operates in a communication system that includes a main communication network and a radio network, the transceiver comprising:

at least one radio unit configured to communicate with the main communication network and the radio network[[;]],

wherein the transceiver is ~~operable~~ configured to enable the wireless network device to participate as a master device on the radio network, ~~operable~~

wherein the transceiver is configured to control communications on the radio network, and

wherein the transceiver is configured to provide, for other wireless network devices, at least two different wireless communication pathways to the main communication network including a first wireless communication pathway in which the transceiver wirelessly communicates directly with the main communication network and a second wireless communication pathway in which the transceiver wirelessly communicates with the radio network which, in turn, communicates with the main communication network .

11. (cancelled).

12. (currently amended) The transceiver of claim 10 further comprising a processor ~~operable~~ configured to control the communications of the at least one radio unit with the radio

network and ~~capable of communicating~~ configured to communicate with the main communication network.

13. (currently amended) The transceiver of claim 10 wherein the wireless network device is ~~operable~~ configured to participate as a slave on the main communication network.

14. (previously presented) The transceiver of claim 10 wherein the main communication network comprises a wired communication network.

15. (previously presented) The transceiver of claim 10 wherein the main communication network comprises a wireless communication network.

16. (previously presented) The transceiver of claim 10 wherein the transceiver comprises an integrated circuit.

17. (previously presented) The transceiver of claim 10 wherein the wireless network device is sized to be held by a user.

18. (currently amended) A transceiver for use in a mobile network device that operates in a communication system that includes a main communication network and a radio network, the transceiver comprising:

at least one radio unit configured to communicate with the main communication network and the radio network[[;]],

wherein the transceiver is ~~operable~~ configured to enable the mobile network device to participate as a master device on the radio network, ~~operable~~

wherein the transceiver is configured to control communications on the radio network, and

wherein the transceiver is configured to provide, for other mobile network devices, at least two different wireless communication pathways to the main communication network including a first wireless communication pathway in which the transceiver wirelessly communicates directly with the main communication network and a second wireless communication pathway in which the transceiver wirelessly communicates with the radio network which, in turn, communicates with the main communication network.

19. (cancelled)

20. (currently amended) The transceiver of claim 18 further comprising a processor ~~operable~~ configured to control the communications of the at least one radio unit with the radio network and ~~capable of communicating~~ configured to communicate with the main communication network.

21. (currently amended) The transceiver of claim 18 wherein the mobile network device is ~~operable~~ configured to participate as a slave on the main communication network.

22. (previously presented) The transceiver of claim 18 wherein the main communication network comprises a wired communication network.

23. (previously presented) The transceiver of claim 18 wherein the main communication network comprises a wireless communication network.

24. (previously presented) The transceiver of claim 18 wherein the transceiver comprises an integrated circuit.

25. (currently amended) The transceiver of claim 18 wherein the mobile network device is sized to be hand held ~~by a user~~.

26. (previously presented) The transceiver of claim 10 wherein the transceiver enables the wireless network device to manage communications of a second wireless network device participating on the radio network.

27. (currently amended) A transceiver for use in a wireless network device that operates in a communication system that includes a radio network, the transceiver comprising:

a radio unit configured to communicate with the radio network;

wherein the transceiver is ~~operable~~ configured to enable the wireless network device to participate as a master device on the radio network, ~~operable~~

wherein the transceiver is configured to synchronize communications of a second wireless network device participating on the radio network, and

wherein the transceiver is configured to provide, for other wireless network devices, at least two different wireless communication pathways to the communication system including a first wireless communication pathway in which the transceiver wirelessly communicates with the communication system without using the radio network and a second wireless communication pathway in which the transceiver wirelessly communicates with the radio network which, in turn, communicates with the rest of the communication system.

28. (currently amended) A transceiver for use in a wireless network device that operates in a communication system that includes a radio network, the transceiver comprising:

a radio unit configured to communicate with the radio network[[;]],

wherein the transceiver is ~~operable~~ configured to enable the wireless network device to participate as a master device on the radio network, ~~operable~~

wherein the transceiver is configured to manage communications of a second wireless network device participating on the radio network with a third wireless network device participating on the radio network, and

wherein the transceiver is configured to provide, for other wireless network devices, at least two different wireless communication pathways to the communication system including a first wireless communication pathway in which the transceiver wirelessly communicates with the communication system without using the radio network and a second wireless communication pathway in which the transceiver wirelessly communicates with the radio network which, in turn, communicates with the rest of the communication system.

29. (previously presented) The transceiver of claim 15 wherein the transceiver enables the wireless network device to manage communications of a second wireless network device, that participates on the radio network, with the wireless communication network.

30. (previously presented) The transceiver of claim 15 wherein the transceiver enables the wireless network device to facilitate communications of a second wireless network device, that participates on the radio network, with the wireless communication network.

31. (currently amended) A transceiver for use in a wireless network device that operates in a communication system that includes a radio network, the transceiver comprising:

a radio unit configured to communicate with the radio network using spread spectrum signals[[;]],

wherein the transceiver is ~~operable~~ configured to enable the wireless network device to participate as a master device on the radio network, ~~operable~~

wherein the transceiver is configured to control communications on the radio network, and

wherein the transceiver is configured to provide, for other wireless network devices, at least two different wireless communication pathways to the communication system including a first wireless communication pathway in which the transceiver wirelessly communicates with the communication system without using the radio network and a second wireless communication pathway in which the transceiver wirelessly communicates with the radio network which, in turn, communicates with the rest of the communication system.

32. (previously presented) The transceiver of claim 18 wherein the transceiver enables the mobile network device to manage communications of a second wireless network device participating on the radio network.

33. (currently amended) A transceiver for use in a mobile network device that operates in a communication system that includes a radio network, the transceiver comprising:

a radio unit configured to communicate with the radio network[[;]],

wherein the transceiver is ~~operable~~ configured to enable the mobile network device to participate as a master device on the radio network, ~~operable~~

wherein the transceiver is configured to synchronize communications of a second mobile network device participating on the radio network, and

wherein the transceiver is configured to provide, for other mobile network devices, at least two different wireless communication pathways to the communication system including a first wireless communication pathway in which the transceiver wirelessly communicates with the communication system without using the radio network and a second wireless communication

pathway in which the transceiver wirelessly communicates with the radio network which, in turn, communicates with the rest of the communication system.

34. (currently amended) A transceiver for use in a mobile network device that operates in a communication system that includes a radio network, the transceiver comprising:

a radio unit configured to communicate with the radio network[[;]],

wherein the transceiver is ~~operable~~ configured to enable the mobile network device to participate as a master device on the radio network, ~~operable~~

wherein the transceiver is configured to manage communications of a second mobile network device participating on the radio network with a third mobile network device participating on the radio network, and

wherein the transceiver is configured to provide, for other mobile network devices, at least two different wireless communication pathways to the communication system including a first wireless communication pathway in which the transceiver wirelessly communicates with the communication system without using the radio network and a second wireless communication pathway in which the transceiver wirelessly communicates with the radio network which, in turn, communicates with the rest of the communication system.

35. (previously presented) The transceiver of claim 23 wherein the transceiver enables the mobile network device to manage communications of a second mobile network device, that participates on the radio network, with the wireless communication network.

36. (previously presented) The transceiver of claim 23 wherein the transceiver enables the mobile network device to facilitate communications of a second mobile network device, that participates on the radio network, with the wireless communication network.

37. (currently amended) A transceiver for use in a mobile network device that operates in a communication system that includes a radio network, the transceiver comprising:

a radio unit configured to communicate with the radio network using spread spectrum signals[[;]],

wherein the transceiver is ~~operable~~ configured to enable the mobile network device to participate as a master device on the radio network, ~~operable~~

wherein the transceiver is configured to control communications on the radio network, and

wherein the transceiver is configured to provide, for other mobile network devices, at least two different wireless communication pathways to the communication system including a first wireless communication pathway in which the transceiver wirelessly communicates with the communication system without using the radio network and a second wireless communication pathway in which the transceiver wirelessly communicates with the radio network which, in turn, communicates with the rest of the communication system.

38. (currently amended) An integrated circuit for use in a wireless network device that operates in a communication system that includes a radio network, the integrated circuit comprising:

transmit circuitry configured to transmit signals on the radio network; and

receive circuitry configured to receive signals from the radio network[[;]],

wherein the integrated circuit is ~~operable~~ configured to enable the wireless network device to participate as a master device on the radio network, ~~operable~~

wherein the integrated circuit is configured to control communications on the radio network, and

wherein the transmit circuitry is configured to provide, for other wireless network devices, at least two different wireless communication pathways to the communication system

including a first wireless communication pathway in which the transceiver wirelessly communicates with the communication system without using the radio network and a second wireless communication pathway in which the transceiver wirelessly communicates with the radio network which, in turn, communicates with the rest of the communication system.

39. (currently amended) The integrated circuit of claim 38 wherein the communication system further comprises a main communication network and wherein the integrated circuit is ~~capable of communicating~~ configured to communicate with the main communication network.

40. (currently amended) The integrated circuit of claim 39 further comprising a processor ~~operable~~ configured to control the communications of the transmit and receive circuitry with the radio network and ~~capable of communicating~~ configured to communicate with the main communication network.

41. (currently amended) The integrated circuit of claim 39 wherein the integrated circuit is ~~operable~~ configured to enable the wireless network device to participate as a slave on the main communication network.

42. (previously presented) The integrated circuit of claim 39 wherein the main communication network comprises a wired communication network.

43. (previously presented) The integrated circuit of claim 39 wherein the main communication network comprises a wireless communication network.

44. (cancelled).

45. (currently amended) The integrated circuit of claim 38 wherein the integrated circuit is ~~operable~~ configured to enable the wireless network device to manage communications of a second wireless network device participating on the radio network.

46. (currently amended) A wireless network device for operating in a communication system that includes a radio network, the device comprising:

transmit circuitry configured to transmit signals on the radio network; and

receive circuitry configured to receive signals from the radio network;

wherein the device is ~~operable~~ configured to participate as a master device on the radio network, ~~operable~~

wherein the device is configured to synchronize communications of a second wireless network device participating on the radio network, and

wherein the transmit circuitry is configured to provide, for other wireless network devices, at least two different wireless communication pathways to the communication system including a first wireless communication pathway in which the transceiver wirelessly communicates with the communication system without using the radio network and a second wireless communication pathway in which the transceiver wirelessly communicates with the radio network which, in turn, communicates with the rest of the communication system.

47. (currently amended) A wireless network device for operating in a communication system that includes a radio network, the device comprising:

transmit circuitry configured to transmit signals on the radio network; and

receive circuitry configured to receive signals from the radio network[[;]],

wherein the device is ~~operable~~ configured to participate as a master device on the radio network, ~~operable~~

wherein the device is configured to manage communications of a second wireless network device participating on the radio network with a third wireless network device participating on the radio network, and

wherein the transmit circuitry is configured to provide, for other wireless network devices, at least two different wireless communication pathways to the communication system including a first wireless communication pathway in which the transceiver wirelessly communicates with the communication system without using the radio network and a second wireless communication pathway in which the transceiver wirelessly communicates with the radio network which, in turn, communicates with the rest of the communication system.

48. (currently amended) The integrated circuit of claim 43 wherein the integrated circuit is ~~operable~~ configured to enable the wireless network device to manage communications of a second wireless network device, that participates on the radio network, with the wireless communication network.

49. (currently amended) The integrated circuit of claim 43 wherein the integrated circuit is ~~operable~~ configured to enable the wireless network device to facilitate communications of a second wireless network device, that participates on the radio network, with the wireless communication network.

50. (previously presented) The integrated circuit of claim 38 wherein the integrated circuit is part of a PCMCIA card.

51. (currently amended) A wireless network device for operating in a communication system that includes a radio network, the device comprising:

transmit circuitry configured to transmit spread spectrum signals on the radio network; and

receive circuitry configured to receive spread spectrum signals from the radio network[[;]],

wherein the device is ~~operable~~ configured to participate as a master device on the radio network, ~~operable~~

wherein the device is configured to control communications on the radio network, and

wherein the transmit circuitry is configured to provide, for other wireless network devices, at least two different wireless communication pathways to the communication system including a first wireless communication pathway in which the transceiver wirelessly communicates with the communication system without using the radio network and a second wireless communication pathway in which the transceiver wirelessly communicates with the radio network which, in turn, communicates with the rest of the communication system.